

VIA eFILE

Form PTO-1449

Applicant: Michael T. Carley et al.

Serial No.: 10/667,144

Filing Date: September 19, 2003

For: Closure Device and Methods for Making and Using Them

Sheet 1 of 15

Confirmation No.: 7207

Att'y Docket No.: 16497.1.1.5

Art Unit: 3734

SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Examiner Initial*	Document Number	Date	Name
UB A1	287,046	10/23/1883	Norton
A2	1,088,393	02/24/1914	Backus
A3	1,331,401	02/17/1920	Summers
A4	2,087,074	07/13/1937	Tucker
A5	2,453,227	11/09/1948	James
A6	2,684,070	07/20/1954	Kelsey
A7	2,944,311	07/12/1960	Schneckenberger
A8	2,969,887	01/31/1961	Darmstadt et al.
A9	3,015,403	01/02/1962	Fuller
A10	3,142,878	08/04/1967	Santora
A11	3,482,428	12/09/1969	Kapitanov et al.
A12	3,586,002	06/22/1971	Wood
A13	3,677,243	09/24/1971	Nerz
A14	3,944,114	03/16/1976	Coppens

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Examiner Initial*	Document Number	Date	Name
<u>UB</u> A15	4,014,492	03/29/1977	Rothfuss
<u> </u> A16	4,192,315	03/11/1980	Hilzinger et al.
<u> </u> A17	4,207,870	06/17/1980	Eldridge
<u> </u> A18	4,278,091	07/14/1981	Borzone
<u> </u> A19	4,318,401	03/09/1982	Zimmerman
<u> </u> A20	4,345,606	08/24/1982	Littleford
<u> </u> A21	4,411,654	10/25/1983	Boarini et al.
<u> </u> A22	4,412,832	11/01/1983	Kling et al.
<u> </u> A23	4,428,376	01/31/1984	Mericle
<u> </u> A24	4,505,273	03/19/1985	Braun et al.
<u> </u> A25	4,523,695	06/18/1985	Braun et al.
<u> </u> A26	4,525,157	06/25/1985	Valaincourt
<u> </u> A27	4,607,638	08/26/1986	Crainich
<u> </u> A28	4,610,251	09/09/1986	Kumar
<u> </u> A29	4,610,252	09/09/1986	Catalano
<u> </u> A30	4,665,906	05/19/1987	Jervis

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Examiner Initial*	Document Number	Date	Name
<u>UB</u> A31	4,687,469	08/18/1987	Osyпка
<u> </u> A32	4,724,840	02/16/1988	McVay et al
<u> </u> A33	4,738,658	04/19/1988	Magro et al.
<u> </u> A34	4,744,364	05/17/1988	Kensey
<u> </u> A35	4,771,782	09/20/1988	Millar
<u> </u> A36	4,772,266	09/20/1988	Groshong
<u> </u> A37	4,789,090	12/06/1988	Blake, III
<u> </u> A38	4,832,688	05/23/1989	Sagae et al.
<u> </u> A39	4,836,204	06/06/1989	Landymore et al.
<u> </u> A40	4,852,568	08/01/1989	Kensey
<u> </u> A41	4,874,122	10/17/1989	Froelich et al.
<u> </u> A42	4,878,915	11/07/1989	Brantigan
<u> </u> A43	4,887,601	12/19/1989	Richards
<u> </u> A44	4,934,364	06/19/1990	Green
<u> </u> A45	5,015,247	05/14/1991	Michelson
<u> </u> A46	5,021,059	06/04/1991	Kensey et al.

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Examiner Initial*	Document Number	Date	Name
<u>UB</u> A47	5,061,274	10/29/1991	Kensey
<u> </u> A48	5,100,418	03/31/1992	Yoon et al.
<u> </u> A49	5,108,421	04/28/1992	Fowler
<u> </u> A50	5,114,032	05/19/1992	Laidlaw
<u> </u> A51	5,114,065	05/19/1992	Storace
<u> </u> A52	5,131,379	07/21/1992	Sewell, Jr.
<u> </u> A53	5,147,381	09/15/1992	Heimerl et al.
<u> </u> A54	5,167,643	12/01/1992	Lynn
<u> </u> A55	5,171,249	12/15/1992	Stefanchik et al.
<u> </u> A56	5,192,300	03/09/1993	Fowler
<u> </u> A57	5,192,301	03/09/1993	Kamiya et al.
<u> </u> A58	5,209,756	05/11/1993	Seedhorm et al.
<u> </u> A59	5,246,443	09/21/1993	Mai
<u> </u> A60	5,275,616	01/04/1994	Fowler
<u> </u> A61	5,290,243	03/01/1994	Chodorow et al.
<u> </u> A62	5,290,310	03/01/1994	Makower et al.

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Examiner Initial*	Document Number	Date	Name
<u>LB</u> A63	5,292,309	03/08/1994	Van Tassel et al.
<u> </u> A64	5,292,332	03/08/1994	Lee
<u> </u> A65	5,306,254	04/26/1994	Nash et al.
<u> </u> A66	5,318,542	06/07/1994	Hirsch et al.
<u> </u> A67	5,320,639	06/14/1994	Rudnick
<u> </u> A68	5,334,216	08/02/1994	Vidal et al.
<u> </u> A69	5,350,399	09/27/1994	Erlebacher et al.
<u> </u> A70	5,352,229	10/04/1994	Goble et al.
<u> </u> A71	5,366,479	11/22/1994	McGarry et al.
<u> </u> A72	5,395,030	03/07/1995	Kuramoto et al.
<u> </u> A73	5,411,520	05/02/1995	Nash al.
<u> </u> A74	5,413,571	05/09/1995	Katsaros et al.
<u> </u> A75	5,416,584	05/16/1995	Kay
<u> </u> A76	5,417,699	05/23/1995	Klein et al.
<u> </u> A77	5,431,639	07/11/1995	Shaw
<u> </u> A78	5,443,481	08/22/1995	Lee

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Examiner Initial*	Document Number	Date	Name
<u>LB</u> A79	5,456,400	10/10/1995	Shichman et al.
<u> </u> A80	5,470,010	11/28/1995	Rothfuss et al.
<u> </u> A81	5,474,557	12/12/1995	Mai
<u> </u> A82	5,478,352	12/26/1995	Fowler
<u> </u> A83	5,478,353	07/18/1994	Yoon et al.
<u> </u> A84	5,486,195	01/23/1996	Myers et al.
<u> </u> A85	5,507,755	04/16/1996	Gresl et al.
<u> </u> A86	5,522,840	06/04/1996	Krajicek
<u> </u> A87	5,536,251	07/16/1996	Evard et al.
<u> </u> A88	5,544,802	08/13/1996	Crainich
<u> </u> A89	5,560,532	10/01/1996	DeFonzo et al.
<u> </u> A90	5,591,205	01/07/1997	Fowler
<u> </u> A91	5,601,602	02/11/1997	Fowler
<u> </u> A92	5,620,461	04/15/1997	Muijs et al.
<u> </u> A93	5,643,318	07/01/1997	Tsukernik et al.
<u> </u> A94	5,645,565	07/08/1997	Rudd et al.

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<u>Examiner</u> <u>Initial*</u>	<u>Document</u> <u>Number</u>	<u>Date</u>	<u>Name</u>
<u>LB</u> A95	5,645,566	07/08/1997	Brenneman et al.
<u> </u> A96	5,645,567	07/08/1997	Crainich
<u> </u> A97	5,676,689	10/14/1997	Kensey et al.
<u> </u> A98	5,690,674	11/25/1997	Diaz
<u> </u> A99	5,695,504	12/09/1997	Gifford, III et al.
<u> </u> A100	5,716,375	02/10/1998	Fowler
<u> </u> A101	5,725,554	03/10/1998	Simon et al.
<u> </u> A102	5,728,114	03/17/1998	Evans et al.
<u> </u> A103	5,728,122	03/17/1998	Leschinsky et al.
<u> </u> A104	5,728,132	03/17/1998	Van Tassel et al.
<u> </u> A105	5,732,872	03/31/1998	Bolduc et al.
<u> </u> A106	5,782,860	07/21/1998	Epstein et al.
<u> </u> A107	5,817,113	10/06/1998	Gifford, III et al.
<u> </u> A108	5,820,631	10/13/1998	Nobles
<u> </u> A109	5,855,312	01/05/1999	Toledano
<u> </u> A110	5,861,005	01/19/1999	Kontos

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<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
<u>UP</u> A111	5,871,474	02/16/1999	Hermann et al.
<u>/</u> A112	5,871,501	02/16/1999	Leschinsky et al.
<u>/</u> A113	5,871,525	02/16/1999	Edwards et al.
<u>/</u> A114	5,902,310	05/11/1999	Foerster et al.
<u>/</u> A115	5,922,009	07/13/1999	Epstein et al.
<u>/</u> A116	5,935,147	08/10/1999	Kensey et al.
<u>/</u> A117	5,941,890	08/24/1999	Voegele et al.
<u>/</u> A118	5,951,518	09/14/1999	Licata et al.
<u>/</u> A119	5,951,589	09/14/1999	Epstein et al.
<u>/</u> A120	5,964,782	10/12/1999	Lafontaine et al.
<u>/</u> A121	5,984,949	11/16/1999	Levin
<u>/</u> A122	6,004,341	12/21/1999	Zhu et al.
<u>/</u> A123	6,022,372	02/08/2000	Kontos
<u>/</u> A124	6,045,570	04/04/2000	Epstein et al.
<u>/</u> A125	6,048,358	04/11/2000	Barak
<u>✓</u> A126	6,056,768	05/02/2000	Cates et al.

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<u>Examiner</u> <u>Initial*</u>	<u>Document</u> <u>Number</u>	<u>Date</u>	<u>Name</u>
LB	A127	05/02/2000	Epstein et al.
	A128	05/02/2000	Epstein et al.
	A129	05/16/2000	Tay et al.
	A130	07/18/2000	Nash et al.
	A131	08/29/2000	Weadock
	A132	09/12/2000	Ravo
	A133	09/19/2000	Taheri
	A134	11/21/2000	Laufer et al.
	A135	11/21/2000	Hovland et al.
	A136	03/06/2001	Ginn et al.
	A137	08/21/2001	Ginn et al.
	A138	09/11/2001	Zhu et al.
	A139	10/23/2001	Burlingame
	A140	11/27/2001	Kanner
	A141	01/01/2002	Redmond et al.
✓	A142	02/19/2002	Kanner

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<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
<u>LB</u>	A143	05/21/2002	Ginn et al.
<u> </u>	A144	06/04/2002	Sweezer et al.
<u> </u>	A145	06/25/2002	Nobles et al.
<u> </u>	A146	09/03/2002	Lafontaine et al.
<u> </u>	A147	09/17/2002	Kayan et al.
<u> </u>	A148	10/08/2002	Ginn et al.
<u> </u>	A149	12/03/2002	Spence et al.
<u> </u>	A150	01/14/2003	Kanner
<u> </u>	A151	03/18/2003	Kanner et al.
<u> </u>	A152	04/15/2003	Ding
<u> </u>	A153	08/05/2003	Swanson et al.
<u> </u>	A154	09/09/2003	Coleman et al.
<u> </u>	A155	09/30/2003	Ginn et al.
<u> </u>	A156	10/14/2003	Ginn et al.
<u> </u>	A157	10/21/2003	Chen
<u> </u>	A158	11/25/2003	Kayan et al.

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Examiner Initial*	Document Number	Date	Name
<u>UB</u> A159	6,679,904	01/20/2004	Gleeson et al.
<u>/</u> A160	6,695,867	02/24/2004	Ginn et al.
<u>/</u> A161	6,755,842	06/29/2004	Kanner et al.
<u>/</u> A162	6,767,356	07/27/2004	Kanner et al.
<u>/</u> A163	6,780,197	02/21/2002	Carley et al.
<u>/</u> A164	RE 31,855	03/26/1985	Osborne
<u>/</u> A165	RE 34,866	02/21/1995	Kensey et al.
<u>/</u> A166	2001/0007077	07/05/2001	Ginn et al.
<u>/</u> A167	2002/0026208	02/28/2002	Belef
<u>/</u> A168	2002/0026215	02/28/2002	Redmond et al.
<u>/</u> A169	2002/0049472	04/25/2002	Coleman et al.
<u>/</u> A170	2002/0072768	06/13/2002	Ginn
<u>/</u> A171	2002/0077657	06/20/2002	Ginn et al.
<u>/</u> A172	2002/0107542	08/08/2002	Kanner et al.
<u>/</u> A173	2002/0151921	10/17/2002	Kanner et al.
<u>✓</u> A174	2002/0193808	12/19/2002	Belef et al.

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LB	A175	2003/0004543	Gleeson et al.
—	A176	2003/0009180	Hinchliffe et al.
—	A177	2003/0078598	Ginn et al.
—	A178	2003/0093096	McGuckin et al.
—	A179	2003/0097140	Kanner
—	A180	2003/0109890	Kanner et al.
—	A181	2003/0125766	Ding
—	A182	2003/0158577	Pantages et al.
—	A183	2003/0158578	Pantages et al.
—	A184	2004/0087985	Loshakove et al.
—	A185	2004/0254591	Kanner et al.
—	A186	2004/0267312	Kanner et al.
—	A187	2005/0090859	Ravikumar

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Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
UR	A188 DE 297 23 736 U 1	04/01/1999	Germany
f	A189 DE 197 11-288	01/10/1998	Germany
	A190 EP 0 386 361	09/12/1990	EPO
	A191 EP 0 534 696	03/31/1993	EPO
	A192 EP 0 756 851	02/05/1997	EPO
	A193 EP 0 774 237	05/21/1997	EPO
	A194 EP 0 858 776	08/19/1998	EPO
	A195 EP 0 941 697	09/15/1999	EPO
	A196 FR 2 443 238	07/04/1980	France
	A197 GB 1 358 466	07/03/1974	Great Britain
	A198 GB 2 075 144	11/11/1981	Great Britain
	A199 WO 96/24291	08/15/1996	PCT
	A200 WO 97/07741	03/06/1997	PCT
↓	A201 WO 98/17179	04/30/1998	PCT

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<u>UB</u>	A202	WO 98/25508	PCT
<u>UB</u>	A203	WO 00/71032	PCT
<u>UB</u>	A204	WO 00/56228	PCT
<u>UB</u>	A205	WO 00/06029	PCT
<u>UB</u>	A206	WO 01/35832	PCT
<u>UB</u>	A207	WO 01/49186	PCT
<u>UB</u>	A208	WO 02/19924	PCT
<u>UB</u>	A209	WO 02/45593	PCT
<u>UB</u>	A210	ZA 2001/00527	ZA

Other Documents

(including author, title, pertinent pages, etc.)

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UB A211

Database WPI; Section PQ, Week 200120; Derwent Publications Ltd., London
GB; Class P31, AN 2001-203165; XP002199926 & ZA 200 100 528 A
(ANTHONY T), 28 February 2001 (2001-02-28) abstract.

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References Cited by Applicants


While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Examiner: 

Date Considered: 11-13-07

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VIA eFILE
Form PTO-1449

Applicant: Michael T. Carley, et al.
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SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Examiner Initial*	Document Number	Date	Name
UB 1	5,167,634	12/01/1992	Corrigan, Jr. et al.
2	5,243,857	02/28/1995	Velez
3	5,246,156	09/21/1993	Rothfuss et al.
4	5,392,978	02/28/1995	Valez et al.
5	5,413,584	05/09/1995	Schulze
6	5,423,857	06/13/1995	Rosenman et al.
7	5,676,974	10/14/1997	Valdes et al.
8	5,810,776	09/22/1998	Bacich et al.
9	5,904,697	05/18/1999	Gifford, III et al.
10	5,993,468	11/30/1999	Rygaard
11	6,030,364	02/29/2000	Durgin et al.
12	6,428,548	08/06/2002	Durgin et al.

Examiner:

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Date Considered:

10-10-07

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Examiner Initial*	Document Number	Date	Name
<u>VB</u> 13	6,645,205	11/11/2003	Ginn
<u> </u> 14	6,669,714	12/30/2003	Coleman et al.
<u> </u> 15	6,749,621	06/15/2004	Pantages et al.
<u> </u> 16	6,942,674	09/13/2005	Belef et al.
<u> </u> 17	7,001,398	02/21/2006	Carley et al.
<u> </u> 18	7,108,709	09/19/2006	Cummins
<u> </u> 19	7,111,768	09/26/2006	Cummins et al.
<u> </u> 20	7,163,551	01/16/2007	Anthony et al.
<u> </u> 21	7,211,101	05/01/2007	Carley et al.
<u> </u> 22	2001/0031972	10/18/2001	Robertson et al.
<u> </u> 23	2002/0133193	09/19/2002	Ginn et al.
<u> </u> 24	2003/0195561	10/16/2003	Carley et al.
<u> </u> 25	2004/0009289	01/15/2004	Carley et al.
<u> </u> 26	2004/0073255	04/15/2004	Ginn et al.

Examiner:

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Date Considered:

10-10-07

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Examiner Initial*	Document Number	Date	Name
UB	27	2004/0153122	Palermo
	28	2004/0153123	Palermo et al.
	29	2004/0167570	Pantages
	30	2005/0119695	Carley et al.
	31	2005/0216057	Coleman et al.
	32	2005/0267530	Cummins et al.
	33	2005/0273136	Belef et al.
	34	2005/0274768	Cummins et al.
	35	2006/0020270	Jabba et al.
	36	2006/0135989	Carley et al.
	37	2006/0144479	Carley et al.
	38	2006/0167484	Carley et al.
	39	2006/0190014	Ginn et al.
	40	2006/0190037	Carley et al.

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Date Considered:

10-10-07

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Examiner Initial*	Document Number	Date	Name
UB 41	2006/0190038	08/24/2006	Carley et al.
42	2006/0195123	08/31/2006	Ginn et al.
43	2006/0195124	08/31/2006	Ginn et al.
44	2006/0287674	12/21/2006	Ginn et al.
45	2007/0010854	01/11/2007	Cummins et al.

U.S. Patent Applications

Examiner Initial*	Document Number	Publication/Filed Date
46	09/866,551	05/25/2001
47	11/396,141	03/31/2006
48	11/675,462	02/15/2007
49	11/744,089	05/03/2007

no copy — not considered

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Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
___50	CA 2 339 060	02/17/2000	Canada
___51	NL 9302140	07/03/1995	Netherlands
___52	S 2000/0722	10/04/2001	Ireland
___53	S 2000/0724	10/04/2001	Ireland
___54	S 2001/0547	07/10/2002	Ireland
___55	S 2001/0748	08/28/2002	Ireland
___56	S 2001/0749	08/28/2002	Ireland
___57	S 2001/0815	07/10/2002	Ireland
___58	S 2002/0451	07/03/2003	Ireland
___59	S 2002/0452	12/30/2002	Ireland
___60	S 2002/0552	07/18/2003	Ireland
___61	S 2002/0664	02/19/2003	Ireland
___62	S 2002/0665	02/19/2003	Ireland

No Ne above ↑ considered - no copy

Examiner: *LMB*

Date Considered: *10-10-07*

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Examiner Initial*	Document Number	Publication Date	Country or Patent Office
___63	S 2003/0424	12/10/2003	Ireland
___64	S 2003/0490	01/14/2004	Ireland
___65	S 2004/0368	11/30/2005	Ireland
___66	S 2005/0342	11/30/2005	Ireland
___67	WO 98/06448	02/19/1998	PCT
___68	WO 02/19915	03/14/2002	PCT
___69	WO 02/19920	03/14/2002	PCT
___70	WO 02/19922	03/14/2002	PCT
___71	WO 02/45594	06/13/2002	PCT
___72	WO 02/98302	12/12/2002	PCT
___73	WO 03/101310	12/11/2003	PCT
___74	WO 03/13363	02/20/2003	PCT
___75	WO 03/13364	02/20/2003	PCT
___76	WO 03/47434	06/12/2003	PCT

none above considered - no copy

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<u> </u> 77	WO 03/71955	09/04/2003	PCT
<u> </u> 78	WO 03/71956	09/04/2003	PCT
<u> </u> 79	WO 03/71957	01/15/2004	PCT
<u> </u> 80	WO 04/04578	01/15/2004	PCT
<u> </u> 81	WO 04/60169	07/22/2004	PCT
<u> </u> 82	WO 04/69054	08/19/2004	PCT
<u> </u> 83	WO 05/115521	12/08/2005	PCT
<u> </u> 84	WO 05/82256	09/09/2005	PCT
<u> </u> 85	WO 06/83889	08/10/2006	PCT

none above considered - no copy

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Date Considered:

10-10-07

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Issue Notifications, Notices of Allowance, and Office Actions

<u>Examiner Initial*</u>	<u>Patent or Serial Number</u>	<u>Document</u>	<u>Mail Date</u>
___86	2002/0072768	Office Action	08/27/2004
___87	2002/0072768	Office Action	02/23/2005
___88	2002/0072768	Office Action	04/11/2005
___89	2002/0072768	Office Action	07/27/2005
___90	2002/0072768	Office Action	03/06/2006
___91	2002/0072768	Office Action	05/24/2006
___92	2002/0072768	Office Action	10/26/2006
___93	2002/0072768	Office Action	04/19/2007
___94	2002/0133193	Office Action	11/04/2004
___95	2002/0133193	Office Action	05/04/2005
___96	2002/0133193	Office Action	10/18/2005
___97	2002/0133193	Notice of Allowance	04/18/2007
___98	2002/0133193	Notice of Allowance	09/27/2007

Examiner:

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Date Considered: 10-10-07

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<u>Examiner Initial*</u>	<u>Patent or Serial Number</u>	<u>Document</u>	<u>Mail Date</u>
	____99	Office Action	02/09/2005
	____100	Office Action	05/26/2005
	____101	Office Action	10/04/2005
	____102	Notice of Allowance	05/10/2006
	____103	Notice of Allowance	07/02/2007
	____104	Office Action	06/10/2004
	____105	Notice of Allowance	09/21/2004
	____106	Office Action	01/03/2006
	____107	Issue Notification	02/15/2006
	____108	Office Action	05/16/2006
	____109	Notice of Allowance	12/28/2006
	____110	Notice of Allowance	07/10/2007
	____111	Notice of Allowance	08/02/2007
	____112	Office Action	09/22/2006

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<u>Examiner</u> <u>Initial</u> *	<u>Patent or Serial</u> <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
____113	2004/0153123	Office Action	01/31/2007
____114	2004/0153123	Office Action	09/18/2007
____115	2004/0153122	Office Action	11/30/2005
____116	2004/0153122	Office Action	08/23/2006
____117	2004/0153122	Office Action	02/13/2007
____118	2004/0153122	Office Action	09/12/2007
____119	2004/0073255	Office Action	09/15/2006
____120	2004/0073255	Office Action	04/18/2007
____121	2004/0009289	Office Action	06/30/2006
____122	2004/0009289	Office Action	10/20/2006
____123	2004/0009289	Office Action	05/29/2007
____124	2005/0274768	Office Action	10/19/2006
____125	2005/0274768	Office Action	08/10/2007
____126	2005/0216057	Office Action	02/06/2007

Examiner:

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127	2005/0216057	Office Action	05/30/2007
128	2006/0135989	Office Action	11/30/2006
129	2006/0135989	Office Action	09/05/2007
130	2006/0195124	Office Action	06/06/2007
131	2006/0195123	Office Action	05/14/2007
132	2005/0234508	Office Action	08/13/2007
133	2004/0167570	Office Action	10/30/2006
134	2004/0167570	Office Action	04/17/2007
135	2004/0167570	Office Action	08/31/2007
136	6,197,042	Notice of Allowance	11/06/2000
137	6,197,042	Issue Notification	02/15/2001
138	6,277,140	Office Action	03/26/2001
139	6,277,140	Notice of Allowance	06/04/2001
140	6,277,140	Issue Notification	08/06/2001

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<u>Examiner Initial*</u>	<u>Patent or Serial Number</u>	<u>Document</u>	<u>Mail Date</u>
_____ 141	6,391,048	Notice of Allowance	03/26/2001
_____ 142	6,391,048	Office Action	09/05/2001
_____ 143	6,391,048	Notice of Allowance	02/11/2002
_____ 144	6,391,048	Issue Notification	05/03/2002
_____ 145	6,461,364	Notice of Allowance	05/06/2002
_____ 146	6,461,364	Issue Notification	09/19/2002
_____ 147	6,582,452	Notice of Allowance	01/31/2003
_____ 148	6,582,452	Issue Notification	06/05/2003
_____ 149	6,616,686	Office Action	12/17/2002
_____ 150	6,616,686	Notice of Allowance	04/21/2003
_____ 151	6,616,686	Issue Notification	08/21/2003
_____ 152	6,623,510	Notice of Allowance	04/11/2003
_____ 153	6,623,510	Office Action	06/09/2003
_____ 154	6,623,510	Issue Notification	09/04/2003

Examiner:

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Date Considered:

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Examiner Initial*	Patent or Serial Number	Document	Mail Date
____155	6,632,238	Office Action	02/26/2003
____156	6,632,238	Notice of Allowance	06/16/2003
____157	6,632,238	Issue Notification	09/25/2003
____158	6,669,714	Office Action	03/04/2003
____159	6,669,714	Notice of Allowance	07/28/2003
____160	6,669,714	Issue Notification	12/11/2003
____161	6,695,867	Notice of Allowance	09/29/2003
____162	6,695,867	Issue Notification	02/05/2004
____163	6,719,777	Office Action	02/20/1987
____164	6,719,777	Notice of Allowance	07/24/1987
____165	6,719,777	Issue Notification	03/25/2004
____166	6,749,621	Notice of Allowance	02/09/2004
____167	6,749,621	Office Action	04/13/2004
____168	6,749,621	Issue Notification	05/27/2004

Examiner:

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Date Considered:

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<u>Examiner Initial*</u>	<u>Patent or Serial Number</u>	<u>Document</u>	<u>Mail Date</u>
_____ 169	6,780,197	Office Action	09/11/2003
_____ 170	6,780,197	Office Action	02/09/2004
_____ 171	6,780,197	Notice of Allowance	03/17/2004
_____ 172	6,780,197	Issue Notification	08/05/2004
_____ 173	6,926,731	Office Action	11/16/2004
_____ 174	6,926,731	Notice of Allowance	04/06/2005
_____ 175	6,926,731	Issue Notification	07/20/2005
_____ 176	6,942,674	Office Action	09/29/2004
_____ 177	6,942,674	Notice of Allowance	05/13/2005
_____ 178	6,942,674	Issue Notification	08/24/2005
_____ 179	7,001,398	Office Action	03/22/2005
_____ 180	7,001,398	Notice of Allowance	07/06/2005
_____ 181	7,001,398	Notice of Allowance	10/05/2005
_____ 182	7,001,398	Issue Notification	02/21/2006

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Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
___183	7,008,435	Office Action	04/20/2005
___184	7,008,435	Office Action	08/10/2005
___185	7,008,435	Notice of Allowance	10/18/2005
___186	7,008,435	Issue Notification	02/15/2006
___187	7,108,709	Office Action	07/27/2004
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___189	7,108,709	Notice of Allowance	03/09/2005
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___191	7,108,709	Issue Notification	08/30/2006
___192	7,111,768	Office Action	02/23/2006
___193	7,111,768	Notice of Allowance	05/31/2006
___194	7,111,768	Issue Notification	09/06/2006
___195	7,163,551	Office Action	01/10/2006
___196	7,163,551	Notice of Allowance	09/20/2006

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Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
_____197	7,163,551	Issue Notification	12/27/2006
_____198	7,211,101	Office Action	08/10/2005
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_____201	7,211,101	Notice of Allowance	12/27/2006
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References Cited by Applicants

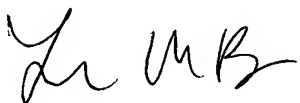
While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

Examiner:



Date Considered:

11-13-07

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.